

## Asst. Prof. HATİCE GÜLER

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: HIR-4248-2022

ScopusID: 57205462288

Yoksis Researcher ID: 200794

### Education Information

Doctorate, Erciyes University, Anatomi, Turkey 2012 - 2018

Postgraduate, Erciyes University, Temel Tıp Bilimleri, Anatomi, Turkey 2007 - 2010

Undergraduate, Erciyes University, Sağlık Bilimleri Fakültesi, Hemşirelik, Turkey 2000 - 2004

### Foreign Languages

English, C1 Advanced

### Research Areas

Medicine, Health Sciences, Fundamental Medical Sciences, Human Anatomy

### Academic Titles / Tasks

Research Assistant, Erciyes University, Sağlık Bilimleri Enstitüsü, Temel Bilimler, 2014 - Continues

Research Assistant, Kahramanmaraş Sutcu Imam University, School Of Medicine, Temel Bilimler, 2014 - Continues

### Academic and Administrative Experience

Yozgat Bozok University, 2018 - 2018

### Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Can video-assisted and three-dimensional (3D) anatomy teaching be an alternative to traditional anatomy teaching? Randomized controlled trial on muscular system anatomy**  
Yılmaz H., GÜLER H.

Clinical Anatomy, vol.37, no.2, pp.227-232, 2024 (SCI-Expanded)

- II. **Effect of cervical and lumbosacral spina bifida cystica on volumes of intracranial structures in children**  
Yiğit H., GÜLER H., Yılmaz H., Gümü Ü. Ö., KARAMAN Z. F., GÜNEŞ T.  
Child's Nervous System, vol.40, no.2, pp.527-535, 2024 (SCI-Expanded)
- III. **Is the golden ratio present in the coxal bone? An anatomical pilot study**  
Kamaşak Arpaçay B., Karapınar B. O., GÜLER H., İpekten F., NİSARİ M.  
Anatomical Science International, 2024 (SCI-Expanded)
- IV. **Explaining Skeletal System Anatomy with Classical Method, Video Assisted Method and 3D Imaging Techniques and Comparison of Learning Levels Between Methods Explicar la Anatomía del Sistema Esquelético con el Método Clásico, el Método Asistido por Video y las Técnicas de Imágenes en 3D y la Comparación de los Niveles de Aprendizaje entre los Métodos**  
Yılmaz H., GÜLER H.  
International Journal of Morphology, vol.41, no.4, pp.1107-1111, 2023 (SCI-Expanded)
- V. **Magnificent Harmony in Morphometric Measurements of Orbita and Foramen Magnum Armonía Magnífica en Medidas Morfométricas de Órbita y Foramen Magno**  
GÜLER H., Yılmaz H.  
International Journal of Morphology, vol.41, no.2, pp.445-450, 2023 (SCI-Expanded)
- VI. **Investigation of anastomoses between coronary arteries in Akkaraman sheep by plastic injection and corrosion method**  
YALMAN E., UNUR E., GÜLER H.  
Folia morphologica, vol.82, no.3, pp.562-567, 2023 (SCI-Expanded)
- VII. **Bone development in offspring of pregnant rats treated with carbamazepine: Evaluation by three different methods**  
Güler H., Esen E. E., Balcioğlu E., Göktepe Ö., Yılmaz H., Yay A. H., Nisari M., Al Ö., Uçar S., Güçlü Ekinci H. K., et al.  
EPILEPSIA, vol.63, no.12, pp.3066-3077, 2022 (SCI-Expanded)
- VIII. **Vitamin B-12 reduces the negative effects of nicotine on fetal bone development in the rats**  
Payas A., Ekinci Y., Gurbuz K., Batin S., ERTEKİN T., Dogan K., GÜLER H., AL Ö., Yılmaz H., NİSARİ M.  
JOINT DISEASES AND RELATED SURGERY, vol.33, no.1, pp.216-224, 2022 (SCI-Expanded)
- IX. **The protective role of melatonin against the effects of different doses of caffeine on the fetus**  
YILMAZ S., GÖÇMEN A. Y., ARIKAN E. S., AKYUZ E., TOKPINAR A., NİSARİ M., UNUR E., YAY A. H., YALCIN B., YILMAZ H., et al.  
CELLULAR AND MOLECULAR BIOLOGY, vol.66, no.5, pp.169-178, 2020 (SCI-Expanded)
- X. **Impact of prenatal exposure to bisphenol A on pregnant rats: Fetal bone development and immunohistochemistry implications**  
Atay E., Ertekin T., Yılmaz H., Güler H., Al Ö., Nisari M., Yay A. H., Unur E., Ozdamar S., Yalçın B.  
TOXICOLOGY AND INDUSTRIAL HEALTH, no.2, pp.119-135, 2019 (SCI-Expanded)
- XI. **Examination of inclinations of the spine at childhood and adolescence**  
Tokpınar A., Ülger H., Yılmaz S., Acer N., Ertekin T., Görkem S. B., Güler H.  
FOLIA MORPHOLOGICA, no.1, pp.47-53, 2019 (SCI-Expanded)
- XII. **Antioxidant role of melatonin against nicotine's teratogenic effects on embryonic bone development**  
Yılmaz H., Ertekin T., Atay E., NİSARİ M., Guler H., AL Ö., Payas A., Yılmaz S.  
IRANIAN JOURNAL OF BASIC MEDICAL SCIENCES, no.8, pp.787-793, 2018 (SCI-Expanded)
- XIII. **The Intracranial and Posterior Cranial Fossa Volumes and Volume Fractions in Children: A Stereological Study**  
Ertekin T., Degermenci M., Ucar İ., Sagioglu A., Atay E., Susar H.  
INTERNATIONAL JOURNAL OF MORPHOLOGY, no.4, pp.1465-1472, 2017 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Variation of Wormian and Inca Bones in Adult Skulls**

GÜLER H., Ekinci H. K. G., Arpacay B. K.

EUROPEAN JOURNAL OF THERAPEUTICS, vol.30, no.3, pp.332-339, 2024 (ESCI)

- II. **Effects Of Folic Acid Versus Nicotine On Bone Development**  
DOĞAN K., NİSARİ M., PAYAS A., ERTEKİN T., GÜLER H., AL Ö.  
Ahi Evran Medical Journal, vol.8, no.1, pp.48-55, 2024 (Peer-Reviewed Journal)
- III. **THE RELATIONSHIP BETWEEN PHYSICAL ACTIVITY, DEPRESSION, NUTRITION AND PAIN DURING THE COVID-19 PANDEMIC PERIOD**  
Uçar İ., Karartı C., Özüdođru A., Yinanç S. B., Güler H., Aktaş E.  
Sađlık Bilimleri Dergisi, vol.31, no.2, pp.126-132, 2022 (Peer-Reviewed Journal)
- IV. **Clavicula Morfometrisi**  
GÜÇLÜ EKİNCİ H. K., GÜLER H., AL Ö., ATEŞ Ş., UÇAR S., SAĐIROĐLU E.  
Cumhuriyet Üniversitesi Sađlık Bilimleri Enstitüsü Dergisi, no.1, 2021 (Peer-Reviewed Journal)
- V. **Rhamnetin improves antioxidant status in the liver of Ehrlich solid tumor bearing mice**  
NİSARİ M., BOZKURT Ö., ERTEKİN T., Ceylan D., İNANÇ N., AL Ö., GÜLER H., UNUR E.  
Medical Science and Discovery, vol.7, no.5, pp.494-500, 2020 (Peer-Reviewed Journal)
- VI. **Morphometric measurements of the hip bone in turkish adult population**  
DEMİR M., ATAY E., GÜNERİ B., YILMAZ H., ARPACI m. f., Güler H., AL Ö., ERTEKİN T., NİSARİ M., UNUR E.  
Kobe Journal of Medical Sciences, vol.64, no.4, 2018 (Scopus)
- VII. **MALLEUS VE INCUS'xxUN AĐIR METAL DÜZEYLERİNİN OPTİK EMİSYON SPEKTROSKOPİSİ (ICP-OES) İLE BELİRLENMESİ**  
Tiryakiođlu H., UNUR E., LEBLEBİCİ Z., SUSAR H.  
Sađlık Bilimleri Dergisi, vol.25, no.3, pp.100-105, 2016 (Peer-Reviewed Journal)

## Books & Book Chapters

### I. Üriner Sistem

ACER N., KARACA SAYGILI Ö., GÜLER H., YILMAZ S., UĐRAŞ S., AVNİOĐLU S., AL Ö., arslan a., kurtođlu e., GÜLER E., et al.

in: Anatomi, Niyazi Acer, Editor, istanbul tıp kitabevleri, pp.106-109, 2019

## Refereed Congress / Symposium Publications in Proceedings

- I. **Therapeutic Potentials Of Melatonin And Mesenchymal Stem Cell-Derived Exosomes On Neuroblast Cell Proliferation**  
Şengül A., Kaan D., Güler H.  
7TH INTERNATIONAL "BAŞKENT" CONGRESS ON PHYSICAL, SOCIAL AND HEALTH SCIENCES, 29 - 31 October 2022
- II. **The determination of nutritional model of Kayseri early Byzantine period population by elemental analysis**  
Ekinci H. K. G., UNUR E., UÇAR İ., GÜLER H.  
10th Anatomy Winter Days, Hatay, Turkey, 17 March 2022, vol.16
- III. **The effect of melatonin on vascularisation of embryo and embryonic yolk sac**  
NİSARİ M., ÜLGER H., ERTEKİN T., YAY A. H., PATAT D., ÇAYAN D., ÖMERLİ A., AL Ö., UÇAR S., GÜLER H.  
20. Ulusal Anatomi Kongresi 2019, Turkey, 27 - 31 August 2019
- IV. **The Effect of Gilaburu (Viburnum opulus) Juice on Experimentally Induced Kidney Stone in Rat**  
ömerli a., ÜLGER H., NİSARİ M., ERTEKİN T., GÜLER H., AL Ö.  
1. International Mediterranean Anatomy Congress, Konya, Turkey, 6 - 09 September 2018
- V. **The Protective Role of Vitamin E Against Teratogenic Effect on Nicotine Embryonal Bone Development**

GÜLER H., AYCAN K., YILMAZ S., NİSARİ M., ERTEKİN T., AL Ö., ATAY E., YILMAZ H.

1. International Mediterranean Anatomy Congress, Konya, Turkey, 6 - 09 September 2018

- VI. **The Effect of B12 Vitamin on Rat Front (Upper) Extremity Development Against Teratogenic Effects of Nicotine on Embryonal Development**  
PAYAS A., NİSARİ M., ERTEKİN T., DOĞAN K., GÜLER H., AL Ö., YILMAZ H.  
1. international mediterranean anatomy congress, Konya, Turkey, 6 - 09 September 2018
- VII. **The Effects of Selenium on Offspring Rat Bone Investigation of Development in Scapula Double Staining Method**  
NİSARİ M., GÜLER H., UÇAR S., TOKPINAR A., AL Ö., ERTEKİN T., UNUR E.  
1. International Congress on Sports, Anthropology, Nutrition, Anatomy and Radiology, Nevşehir, Turkey, 3 - 05 May 2018
- VIII. **The effects of Selenium on Offspring Rat Bone Investigation of Development in Humerus Double Staining Method**  
ERTEKİN T., GÜLER H., UÇAR S., AL Ö., NİSARİ M., YILMAZ S.  
1. International Congress on Sports, Anthropology, Nutrition, Anatomy and Radiology, Nevşehir, Turkey, 3 - 05 May 2018
- IX. **The Protective Role of Folic Acid Against the Teratogenic Effect of High Dose Nicotine in Fetus on the Development of Rear Extremity Bones**  
DOĞAN K., NİSARİ M., ERTEKİN T., PAYAS A., GÜLER H., AL Ö.  
1. International Congress on Sports, Anthropology, Nutrition, Anatomy and Radiology, Nevşehir, Turkey, 3 - 05 May 2018
- X. **The Effects of Selenium on Offspring Rat Bone Investigation of Development in Radius Double Staining Method**  
GÜLER H., UÇAR S., YILMAZ S., AL Ö., NİSARİ M., ERTEKİN T., AYCAN K.  
1. International Congress on Sports, Anthropology, Nutrition, Anatomy and Radiology, Nevşehir, Turkey, 3 - 05 May 2018
- XI. **The Protective Role of Vitamin B12 Against Teratogenic Effect on Normal Growth and Development of Nicotinic Embryo**  
PAYAS A., NİSARİ M., ERTEKİN T., DOĞAN K., GÜLER H., AL Ö., YILMAZ H.  
1. International Congress on Sports, Anthropology, Nutrition, Anatomy and Radiology, Nevşehir, Turkey, 3 - 05 May 2018
- XII. **Nikotinin Embriyonal Femur Gelişimi Üzerindeki Teratojenik Etkisine Karşı E Vitamininin Koruyucu Etkisi**  
GÜLER H., NİSARİ M., YILMAZ S., AL Ö., AYCAN K.  
1. Türk Dünyası Ortopedi ve Travmatoloji Kongresi, Baku, Azerbaijan, 20 - 21 April 2018
- XIII. **Determination of the forelimb's bones development in the fetuses of female rats exposed to Bisphenol A during pregnancy by using double staining**  
ATAY E., ERTEKİN T., YILMAZ H., SUSAR H., AL Ö., NİSARİ M., YAY A. H., UNUR E.  
17th National Anatomy Congress with International Participation, Eskişehir, Turkey, 5 - 09 September 2016
- XIV. **The effects of dexamethasone on fore limb development in rat fetuses and neonates**  
ATAY E., ERTEKİN T., YILMAZ H., SUSAR H., AL Ö., NİSARİ M., UNUR E., YAY A. H.  
17. National Anatomy Congress with International Participation, Turkey, 5 - 09 September 2016
- XV. **Fossa cranii posterior volume in healthy children between 0-6 ages**  
ERTEKİN T., Değermenci M., Uçar İ., Atay E., SAĞIROĞLU A., Susar H., DOĞANAY S.  
17. Ulusal Anatomi Kongresi, Eskişehir, Turkey, 5 - 09 September 2016, pp.131
- XVI. **Protective effect of thymoquinone on methotrexate-induced liver damage'**  
SAĞIROĞLU A., SÖNMEZ M. F., Erçal Ö., Kaymak E., Susar H., AL Ö.  
17. Ulusal Anatomi Kongresi, Eskişehir, Turkey, 5 - 09 September 2016, pp.160
- XVII. **İdrar Kaçıran Kadınlarda Prolapsus Evrelerinin Pelvis Çaplarıyla İlişkisi**  
Susar H., AYCAN K., ERTEKİN T., NİSARİ M., ÖMERLİ A., AL Ö., ATAY E., YILMAZ H.  
17. Ulusal Anatomi Kongresi, Eskişehir, Turkey, 1 - 04 September 2016, pp.1

**XVIII. Ehrlich Assit Tümör Modeli**

SUSAR H., AYCAN K., ERTEKİN T., NİSARİ M., Ömerli A., AL Ö., ATAY E., YILMAZ H.  
III. Uluslararası Katılımlı Deneysel Hematoloji Kongresi, Turkey, 5 - 08 May 2016

**XIX. 0-1 yaş arası sağlıklı çocuklarda intracranial hacim**

UÇAR İ., DEĞERMENCİ M., ERTEKİN T., SAĞIROĞLU A., GÜLER H., DOĞANAY S.  
Anatomi Günleri 2016, Çankırı, Turkey, 11 - 14 February 2016

**XX. Determining the heavy metal levels of malleus and incus by optical emission spectroscopy (ICP-OES).**

Öcal H., UNUR E., Leblebici Z., Susar H.

Joint Meeting of Anatomical Societies, Turkey, 1 - 04 May 2011, vol.5, pp.168

## Supported Projects

NİSARİ M., AL Ö., SUSAR H., DOĞAN K., ERTEKİN T., PAYAS A., Project Supported by Higher Education Institutions, Nikotinin Embriyonal Kemik Gelişimi Üzerindeki Teratojenik Etkisine Karşı Folik Asitin Koruyucu Rolü, 2016 - 2018

NİSARİ M., ERTEKİN T., SUSAR H., AL Ö., YILMAZ H., DOĞAN K., PAYAS A., Project Supported by Higher Education Institutions, EMBRİYONAL GELİŞİM ÜZERİNE NİKOTİNİN TERATOJENİK ETKİSİNE KARŞI B12 VİTAMİNİNİN SIÇAN ÖN (ÜST) EKSTREMİTE KEMİKLERİNİN GELİŞİMİNE ETKİSİ, 2016 - 2018

NİSARİ M., AL Ö., SUSAR H., PATAT D., ERTEKİN T., DAĞLI E., Project Supported by Higher Education Institutions, Kültür Ortamında Büyütülen ve Hipoksi Oluşturulan Embriyolar Üzerine B12 Vitamininin In Vitro Etkisi, 2016 - 2018

ERTEKİN T., NİSARİ M., SUSAR H., AL Ö., YAY A. H., ÖZDAMAR S., ATAY E., Project Supported by Higher Education Institutions, Bisfenol A'nın Fetal Kemik Gelişimi Üzerine Teratojenik Etkilerinin Araştırılması, 2015 - 2017

ERTEKİN T., YILMAZ H., ATAY E., NİSARİ M., SUSAR H., AL Ö., PAYAS A., Project Supported by Higher Education Institutions, Nikotinin Embriyonal Kemik Gelişimi Üzerindeki Teratojenik Etkisine Karşı Melatoninin Koruyucu Rolü, 2015 - 2016

## Metrics

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